



# OBJECTIVE

## D.G. SHIPPING- INMARCO Green Shipping Conclave

To help devise India's stand on following:

- De-carbonization target for domestic shipping. The targets may be different for different ship types.
- Identify suitable fuel and technologies for various types of domestic ships
- Exploring the possibility of becoming a bunker hub for Green Maritime fuels (including the aspect of foreign going fleet)
- Promoting construction of green ships and development and fitment of alternative fuel technology in India
- Policies including incentives, financial solutions etc. for transition of domestic shipping to achieve above identified targets.
- Achieving Green ports through JIT, Shore power and promoting bunkering infrastructure at Ports through Green Corridors (identify suitable ship types, ports, and ships for developing initially such corridors)
- India's stand at IMO on issues related to MBM, GHG ambition, intermediate reduction targets.

**Venue : Sahara Sapphire, Hotel Sahara Star, Mumbai**

# PROGRAM

<b>17-Nov-22</b>	<b>Hall 1</b>
08:30 - 10:30	Registration + Tea
10:30 - 11:00	Welcome Speech by Shri Mr. Amitabh Kumar, IRS, Director General of Shipping followed by Setting the tone of the Conclave by Shri Ajithkumar Sukumaran, Chief Surveyor (i/c)
11:15 - 12:15	Availability of Alternate Net Zero/Zero Carbon Fuel in India – for domestic maritime sector and as supplier for international market (bunkering hub)
12:15 - 13:15	Alternate Technology and solutions for existing ships and new ships of various types and operational profile
	<b>LUNCH</b>
14:00 - 14:50	Construction of Green Ships in India and Fitment of Alternate Technologies as identified in India
14:50 - 15:40	Green Ports, Shore Power, JIT and Green Corridor The concept of Carbon capture
15:40 - 16:00	<b>Tea</b>
16:00 - 17:00	The financial aspect – investment needs and sources for funding
17:30 - 18:00	<b>High Tea</b>
18:00 - 19:30	<b>Inaugural Ceremony</b> Chief Guest: His Excellency Shri Bhagat Singh Koshiyari, Honourable Governor of Maharashtra
19:30 onwards	Inaugural Dinner
<b>18th Nov 2022</b>	Deliberations amongst participants and the entity appointed for Report Generation for work on the Report to be presented on 19th November 2022
<b>19th November</b>	
18.00 - 19:30	Panel discussion and summarisation of the inputs received from the Green Maritime Panel Deliberations
	Break
18:00 - 20:00	<b>Concluding session of the conclave and presenting the way forward &amp; curtain down session of INMARCO 2022</b>
20:00 onwards	Dinner





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- 1) **Session 1:** Discussions to establish the **Availability of Alternate Net Zero/Zero Carbon Fuel in India**. **Discussions will cover** the quantity which can be made available for shipping and the cost - not only addressing the domestic maritime sector but also the vision of being a supplier for international market for green fuel (bunkering hub).
- 2) **Session 2:** Exploring the **Alternate Technologies and solutions for existing ships and new ships of various types keeping in mind their operational profile**. Thus cover all types of ships including tugs, passenger ships on short run, barges, offshore vessels etc. Also cover the cost aspect of such conversions/upgradations.
- 3) **Session 3 :** Readiness for **Construction of Green Ships and Fitment of the Alternate Technologies as identified in India**. The availability of the shipyards both wrt facilities and technology to be explored alongwith considering timeline wise efficient and costwise effective solutions. Thus to identify how the shipyards can support such transition and what necessary developments needs to be identified to reduce cost of such transition.
- 4) **Session 4 :** This session will be Port based developments – identifying the potential of Ports in decreasing cost of transition of ships to net zero through services such as JIT, Shore Power Supply and higher efficiencies. Further discussing regarding developing necessary infrastructure for various types of fuels. Group will also deliberate on Green Corridors.
- 5) **Session 5 :** This session will cover the aspect of **Financing Green Shipping in India** – identify investment needs and sources to cover additional onetime cost of transition and higher operational cost.

- Constant Discussions between **Policy makers, Invitees and Stakeholders** in the above sessions with the participating experts.
- The report of **DNV under India – Norway Coastal Shipping program** will also be presented at this session.
- Concluding session 19th Nov : **Policymakers, Invitees and Chairpersons of the five sessions** deliberate on the report from the 17th Nov session and lay the foundation for **Formulation of Green Shipping Policy** and the way forward.